MR Form 3
(Revised 1984)

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DIV. OIL, GAS, MINING

0002

# ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year 1986
to Month/Year _____

(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

OPERATOR: UNITED STATES STEEL CORP. MINE NAME: IRON MOUNTAIN( BLOWOUT)

ADDRESS: 600 GRANT STREET
PITTSBURGH, PA.

PERMIT NUMBER AND DATE OF PERMIT: PRO/ 021/008

REPRESENTATIVE: ROY BENSON

SECTION(S): 2 TOWNSHIP(S): 36SOUTH RANGE(S): 13 WEST

MINERAL(S) MINED: DUMP IRON ORE

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: NONE

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY:

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

0002

| Disturbance | Acreage |
|---|---|
| Pit | |
| Roads | |
| Facilities | |
| Waste Dumps | |
| Other | 4 |

(b) Tabulation of acreage affected to date (by years).

| Date by Year | Acreage (Total |
|---|---|
| 1975 | |
| 1976 | |
| 1977 | |
| 1978 | |
| 1979 | |
| 1980 | |
| 1981 | |
| 1982 | |
| 1983 | 4 RECLAIM LO_ GRADE DUMP. |

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

| Area Affected (in mining sequence) (If more space is needed, please attach.) | Area 1 | 2 | 3 | etc. |
|---|---|---|---|---|
| Acreage of Area | | | 4 | |
| Depth of Topsoil Removal (inches) | | | 0 | |
| Depth of Topsoil Replacement (inches)* | | | 0 | |
| Estimate of Topsoil Volume Salvaged ($yd^3$ or ac ft) | | | 0 | |
| Volume Actually Salvaged ($yd^3$ or ac ft) | | | | |
| Volume Required for Reclamation ($yd^3$ or ac ft) | | | | |
| Surplus or Deficit Volume ($yd^3$ or ac ft) | | | | |
| Storage Status (short- or long-term) | | | | |

Soil Tabulation Chart (continued)

| Area Affected (in mining sequence) | Area 1 | 2 | 3 | etc. |
|---|---|---|---|---|
| Storage Location | | | | |
| Area Where Soil Has Been Used (if not stored) | | | | |
| Running Total (all stockpiles) ($yd^3$ or ac ft) | | | | |
| Short-term | | | | |
| Long-term | | | | |

*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

| Area | Date | Acreage |
|---|---|---|
| ~~NONE~~ | | |

(e) Tabulation of quantity of commodity mined.

| | Commodity | Tonnage |
|---|---|---|
| (Mined) (Milled) | ~~IRON ORE~~ | ~~150,000 N.T.~~ |

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

1. Buildings and support facilities.

NONE

2. Roads.

3. Diversion ditches, collector ditches, interceptor ditches, etc.

CATCH BASIN AS DIRECTED BY DIVISION

4. Culverts.

NONE

5. Sediment ponds, containment ponds.

ONE

6. Monitoring sites (vegetative, air quality, surface subsidence, surface water or ground water, etc.).

NONE

7. Topsoil stockpiles.

SEE ORIGIONAL APPLICATION M&P

(g) Description of any environmental problem areas with a proposed plan for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.

NONE ALL WASTE HAS BEEN HAULED AWAY BY IRON COUNTY ROAD DEPT.

2. Subsidence.

NONE

3. Accidental water discharge, dam failure, etc.

NONE

4. Slumping, sliding or erosion.

NONE

5. Revegetation problem areas.

NONE

6. Existence and location of unsuitable (toxic) overburden.

NONE

RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

| Area | Acreage |
|---|---|
| MATERIAL HAULED AWAY | |

2. Topsoiled areas.

| Area | Acreage |
|---|---|
| NONE | |

3. Seeded areas.

| Area | Acreage |
|---|---|
| NONE | |

4. Reseeded areas (areas previously seeded, then seeded again).

| Area | Acreage |
|---|---|
| NONE | |

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

| Year | Acreage |
|---|---|
| 1975 | |
| 1976 | |
| 1977 | |
| 1978 | |
| 1979 | |
| 1980 | |
| 1981 | |
| 1982 | |
| 1983 | |
| 1984 | 0 |

(c) Description of the reclamation procedures used during the report period, including:

1. Average depth of topsoil applied.

N/A

2. Type of seed (species) used for seeding during the report period.

NONE

3. Date of seeding during the report period.

Spring

N/A

Fall

4. Seeding procedures used.

(Hand broadcast or drilled or any other).

N/A

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)

N/A

6. Type and rate of fertilizer applied.

N/A

7. Type and rate of mulch applied.

N/A

8. Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).

N/A

9. Revegetation test plot information.

(Cover, density, productivity, etc.)

NONE

10. Soil analysis results.

N/A

(d) Description of results of previous revegetation efforts, including: (This should be done as applicable.)

1. Types (species) of seed that have germinated and are growing.

N/A

2. Types (species) of seed that are not growing successfully.

NOT TESTED

3. Areas experiencing problems with weeds and weed types.

NONE

4. Significant erosional problems.

NONE

5. Areas of unsuitable overburden on the surface as related to revegetation failure.

NONE

6. Procedures used or proposed to correct these problems.

TOP SOIL

7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

| Area | Date | Acreage |
|---|---|---|
| | | |
| | | |
| | | |
| NONE AVAILABLE TO DATE | | |

8. Results of soil analysis.

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

| | Acres | Cost/Acre |
|---|---|---|
| 1. Grading | | |
| 2. Backfilling | | |
| 3. Contouring | | |
| 4. Topsoil Replacement | | |
| 5. Seeding | | |
| A. Seedbed Preparation | | |
| B. Mulch | | |
| C. Fertilizer | | |
| D. Seed | | |
| 6. Other | | |

BOND INFORMATION:

A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

| | Amount | Type | Date Posted |
|---|---|---|---|
| Present Bond | | | |

Increased disturbance, if any:

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Increased Bond Amount (attached reclamation estimate).

B. Bond release.

| Acres | Bond Amount Released | Date |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

(a) Permit stipulations (status).
(b) Other special conditions (status).

APPENDIX I

## ANNUAL REPORT MAPS

1. Maps must be clear and legible contour maps or recent aerial photos. The scale should be 1 inch = 500 feet to adequately show topographic features.

2. Map sheets should be of a reasonable size, not to exceed 48 inches on a side.

3. Maps must have a title block with:

   A. Map title.
   B. Name and address of permittee.
   C. Permit and amendment numbers.
   D. Annual report period.
   E. Scale, north arrow, contour interval, date of photography, etc.

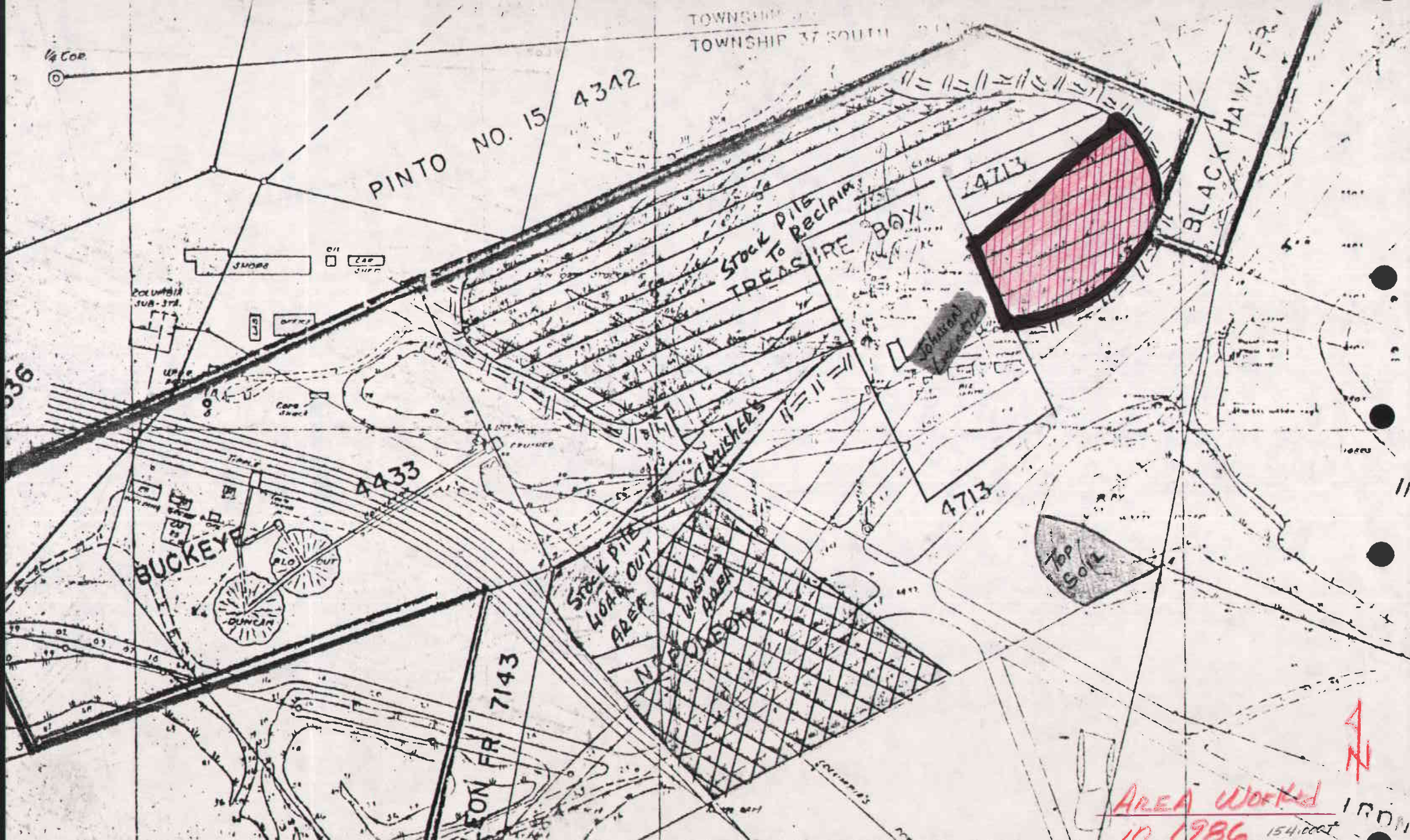
4. All maps must show:

   A. Legal subdivisions.
   B. Permit area boundary clearly shown and labelled.
   C. Amendment areas clearly shown and labelled.
   D. Contour features.

5. The following features should all be clearly identified:

   A. Topsoil stockpiles (numbered and with volumes).
   B. Settling ponds and sediment control structures.
   C. Haul roads.
   D. Pits identified by location, name, number, etc.
   E. Ramps (numbered).
   F. Out-of-pit spoil dumps.
   G. All waste disposal sites including, but not limited to:
      1. Landfill sites.
      2. Carbonaceous waste dumps.
   H. Diversion ditches.
   I. Monitoring sites.

6. All areas to be affected by mining and reclamation in the coming year should be outlined and labelled.


TOWNSHIP 37 SOUTH
1/4 COR.
PINTO NO. 15
4312
4713
BLACK HAWK
STOCK PILE
To Reclaim
TREASURE BOY
Johnson Lease
4713
Crushers
4433
BUCKEYE
DUNCAN
FEE
STOCK PILE
40AA OUT
AREA
WASTE
AREA
TOP SOIL
7143
AREA WORKED
10 1986

Date: 23 December, 1987

GENEVA STEEL

To: Mr. Lowell P. Braxton
Department Of Natural Resources
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

From: Roy Benson-Manager
Keigley Quarry
RFD #1 Box 20-B
Santaquin, Utah 84655

Subject: Annual Reports-attached

Dear Mr. Braxton,

Please find attached, the following Annual Reports:

M/021/008 Iron Mountain

M/021/003 Desert Mound

M/049/001 Keigley Quarry

Sincerely,

Roy Benson

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